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(54) RECORDING PAPER

(57)Abstract:

PURPOSE: To simultaneously enhance the water resistance and the visible whitening effect of a water soluble dye, by using an image receiving layer having a cationic fluorescence agent contained in the surface thereof as a recording medium for ink jet recording using aqueous ink.

CONSTITUTION: An aqueous solution containing a cationic fluorescence agent such as an aminocumarine derivative, a cumarine derivative, a benzimidazole derivative or a pyrazolone derivative is prepared and, according to necessity, a binder is added to said solution. The resulting mixture is applied to a cardboard or paper coated with pigment to contain 0.02W0.4g/m² of the cationic fluorescence agent in a material to be recorded. If cationic resin such as dicianediamide condensate resin is used along with the fluorescence agent, synergistic effect is developed in water resistance. In this case, the content of the cationic resin is adjusted to 0W4g/m². As ink jet aqueous ink, an water soluble direct dye or a water soluble acid dye is used.

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